

Converting Colors

XYZ(26.4156, 14.6845, 63.5982)

Have a look what the booklet for
XYZ(26.4156, 14.6845, 63.5982)
contains.

XYZ(26.4484, 14.6606, 63.7231)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(26.4484, 14.6606,
63.7231)**

Conversions

Conversions Part 1

Format	Color
Hex	983CD4
RGB	152, 60, 212
RGB Percent	60%, 24%, 83%
CMY	0.4039, 0.7647, 0.1686
CMYK	0.28, 0.72, 0.00, 0.17
HSL	276°, 64%, 53%
HSV	276°, 72%, 83%
XYZ	26.4484, 14.6606, 63.7231
YIQ	104.8360, 6.0400, 66.7760

Conversions

Conversions Part 2

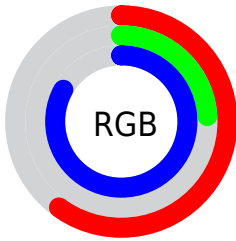
Format	Color
R_{YB}	152, 60, 212
Decimal	9977044
CIE _{Lab}	45.17, 62.78, -61.83
CIE _{LCh}	45, 88.121, 315.437
Yxy	14.6606, 0.2523, 0.1398
Android (android.graphics.Color)	4288167124 (0xFF983CD4)
YUV	104.8360, 52.8319, 41.3628
Hunter-Lab	38.2892, 56.2936, -71.8715

Details

The XYZ color **26.4484, 14.6606, 63.7231** is a dark color, and the websafe version is hex **9933CC**. The color can be described as middle muted purple. A complement of this color would be **32.1050, 51.4065, 12.5057**, and the grayscale version is **13.2443, 13.9341, 15.1742**.

A 20% lighter version of the original color is **50.7591, 33.1831, 98.3374**, and **10.7201, 4.8332, 31.8204** is the 20% darker color. If you saturate the color by 10%, you get **24.0406, 12.0880, 63.3537**, and if you desaturate by 10%, it is **29.4127, 18.1804, 64.2465**.

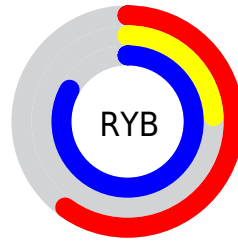
Distribution



Red (60%)

Green (24%)

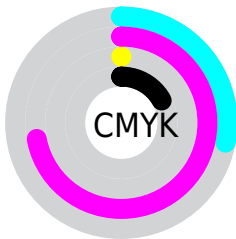
Blue (83%)



Red (60%)

Yellow (24%)

Blue (83%)

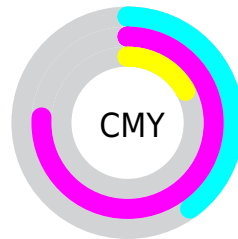


Cyan (28%)

Magenta (72%)

Yellow (0%)

Black (17%)



Cyan (40%)

Magenta (76%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 26.4484, 14.6606, 63.7231 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 26.4484, 14.6606, 63.7231 by changing the saturation by 10% instead.

■ 26.4484, 14.6606,
63.7231

■ 26.4484, 14.6606,
63.7231

277.1929,
221.3026, 456.3690

■ 17.2938, 8.5815,
45.9817

■ 53.4236, 34.2567,
111.8077

■ 10.5408, 4.4693,
31.8828

■ 71.9750, 48.5425,
142.9879

■ 5.8240, 1.9394,
21.0079

■ 94.3893, 66.3326,
179.4849

■ 2.7780, 0.5719,
12.9385

■ 121.0319, 88.0115,
221.7171

■ 1.0375, 0.0000,
7.2560

■ 152.2682,
113.9636, 270.1030

■ 0.0000, 0.0000,
3.5418

188.4636,

■ 0.0000, 0.0000,

144.5732, 325.0613

1.3775

229.9834,
180.2247, 387.0105

■ 0.0000, 0.0000,
0.1241

■ 0.0000, 0.0000,
0.0000

■ 26.4484, 14.6606,
63.7231

■ 26.4484, 14.6606,
63.7231

■ 24.0406, 12.0880,
63.3537

■ 29.4127, 18.1804,
64.2465

■ 22.1282, 10.3463,
63.1183

■ 32.9810, 22.7418,
64.9389

■ 20.8337, 9.3674,
62.9976

■ 37.1976, 28.4291,
65.8144

■ 42.1015, 35.3176,
66.8856

■ 47.7285, 43.4756,
68.1637

■ 54.1117, 52.9664,
69.6591

■ 61.2818, 63.8489,
71.3818

■ 69.2681, 76.1784,
73.3407

■ 78.0979, 90.0073,
75.5445

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



17.9943, 14.6606, 93.9448



26.4484, 14.6606, 63.7231



32.3046, 14.6606, 28.2867

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



26.4484, 14.6606, 63.7231



17.7513, 14.6606, 0.0000



4.3394, 14.6606, 29.1591

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



26.4484, 14.6606, 63.7231



32.1050, 51.4065, 12.5057

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



4.3141, 14.6606, 7.8672



26.4484, 14.6606, 63.7231



10.5364, 14.6606, 0.0000

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



26.4484, 14.6606, 63.7231



26.2180, 14.6606, 1.0577



6.1619, 14.6606, 1.1299



6.2498, 14.6606, 64.8156

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



26.4484, 14.6606, 63.7231



32.9855, 14.6606, 12.4636



6.1619, 14.6606, 1.1299



4.1398, 14.6606, 20.0626

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



26.4491, 14.6611, 63.7234



72.0076, 65.3202, 103.4206



20.5606, 19.3408, 64.9371



14.8909, 13.2185, 22.0165



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



26.4491, 14.6611, 63.7234



34.9133, 16.8365, 96.0174



38.8227, 21.2512, 54.7593



12.4566, 12.3768, 15.6699



12.9771, 5.8425, 38.8969



0.8746, 0.3998, 2.3504

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



32.1577, 18.5852, 19.6618



45.3911, 23.9154, 20.7219



26.6842, 48.5587, 14.6594



12.6242, 12.5012, 13.9615



17.7883, 9.0516, 6.1891



1.1131, 0.5620, 0.5847

Previews

White Background



This preview shows how the XYZ color 26.4484, 14.6606, 63.7231 looks on a white background.

Color Contrast Check

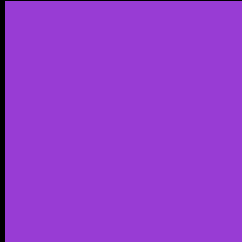
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 26.4484, 14.6606, 63.7231 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

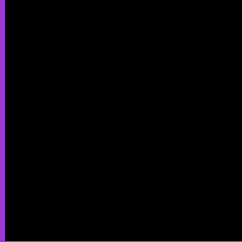
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 26.4484, 14.6606, 63.7231

Background



This preview shows how black text looks on a background with the XYZ color 26.4484, 14.6606, 63.7231.



This preview shows how white text looks on a background with the XYZ color 26.4484, 14.6606,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

26.4484, 14.6606, 63.7231

Protanopia

17.6364, 14.8150, 68.9479

Deuteranopia

14.9831, 14.7430, 51.9252



Tritanopia

16.6560, 14.6376, 15.3121

Trichromacy



Original Color

26.4484, 14.6606, 63.7231



Protanomaly

17.3784, 12.5865, 66.4792



Deuteranomaly

15.6254, 12.4179, 55.6062



Tritanomaly

19.1889, 14.0170, 28.0797

Monochromacy



Original Color

26.4484, 14.6606, 63.7231



Achromatopsia

13.4271, 14.1263, 15.3836



Achromatomaly

16.6325, 13.2959, 28.0753

CSS Examples

Text

The CSS property to change the color of the text to XYZ 26.4484, 14.6606, 63.7231 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(152, 60, 212)` looks like.

```
.text, #text, p{  
    color:rgb(152, 60, 212)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(152, 60, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(152, 60, 212) }
```

Border

The CSS property to change the border of an element to XYZ 26.4484, 14.6606, 63.7231 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(152, 60, 212) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(152, 60, 212) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(152, 60, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(152, 60, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(152, 60, 212);  
box-shadow:4px 4px 4px 4px rgb(152, 60,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 26.4484, 14.6606, 63.7231 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(152, 60, 212) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(152, 60,  
212) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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